



IN REPLY REFER TO:

MT-450

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



October 15, 2013

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6001
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Hardin, Montana
Attention: MT-300: Tom Tauscher
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana /S/ Tim H. Felchle

Subject: **Yellowtail Water Release Order - BHR No. 14-02**

CURRENT RESERVOIR CONDITIONS

Elevation: 3639.01 feet; Storage: 1008,261 acre-feet; River Release: 1,900 cfs; Inflow: 3,450 cfs;

GENERAL COMMENTS:

Inflows into Bighorn Lake are averaging over 3,400 cfs and storage continues to increase, approaching the top of the joint-use pool. To slow and control the rate of fill of storage in Bighorn Lake, releases out of Yellowtail Dam will be increased. Power generation also indicates actual river flows are lower than anticipated. In response, the following operations are required at Yellowtail Dam and Powerplant and Yellowtail Afterbay Dam.

YELLOWTAIL TURBINE RELEASE:

At 1300 hour on Tuesday, October 15, 2013:

Increase turbine release to 2,180 cfs (\approx 1,085 MW-Hours/day using 48.1 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1300 hour on Tuesday, October 15, 2013:

Maintain diversions to the Bighorn Canal at 0 cfs.

Increase river release to 2,250 cfs (increase gage height to 60.07 & apply new shift of -0.27ft).

Increase total release from the Afterbay to 2,250 cfs.